

## Sipura SPA-2000 Automatic Configuration Instructions



### Step 1: Plug in the ATA

Connect a telephone handset, network, and power to the ATA, and wait briefly while it discovers its IP address via DHCP. For more information on connecting your ATA, or to set a Static IP Address manually, please consult your User Manual.

### Step 2: Verify & Configure your IP Address

**First we need to verify that your SPA-2000 will acquire an IP Address automatically if your network supports DHCP.**

If your network uses a DHCP Server to assign IP Addresses to network devices, or if you are connecting the SPA-2000 to a home router such as a Linksys or Netgear router or a modem that supports DHCP/NAT, please do the following:

1. Pick up the phone connected to Phone 1 and dial \*\*\*\*. You will hear a voice prompt saying "Sipura configuration menu: please enter option followed by the pound key, or hangup to exit".
2. Dial **101#** to enter the DHCP configuration voice menu.
3. Dial **1#** to enable DHCP, then dial **1** to save your configuration settings.
4. Hang up the phone and wait 2 minutes.

**Next, we must verify that the SPA-2000 has a valid IP Address:**

1. Pick up the phone connected to Phone 1 of the SPA-2000 and dial \*\*\*\*. You will hear a voice prompt saying "Sipura configuration menu: please enter option followed by the pound key, or hangup to exit".
2. Dial **110#**. The system will now read back the IP address of your SPA-2000. Please write it down.

**If the IP is 0.0.0.0, your SPA-2000 does not have a valid IP address. In this case you need to:**

1. Hang up the phone, unplug and re-plug your SPA-2000 power cord.
2. Wait 2 minutes, and check the IP again.
3. If you still get 0.0.0.0, there can be two reasons for this:
  - a. Your DHCP Server is not assigning an IP address to the SPA-2000 (in which case you should contact your network administrator or ISP for assistance).
  - b. Your network does not have a DHCP server or you have purchased a Static IP Address for the SPA-2000 from your ISP. In this case, please proceed to [Manually Assigning a Static IP Address](#) below, otherwise skip this step.

## Manually Assigning a Static IP Address

Members using static IP on their home network may wish to configure the adaptor with static IP. If you have obtained a static IP from your Internet service provider (ISP) and wish to configure your adaptor with your static IP settings, please follow the instructions below:

1. You will first have to obtain the following information:
  - IP Address • Default Gateway • Subnet MaskIf you are using a router, please contact your router manufacturer for instructions for retrieving this information from the router directly. If you are not using a router, please obtain the above information from your ISP.
2. Pick up the phone connected to Phone 1 and dial \*\*\*\*. You will hear a voice prompt saying "Sipura configuration menu: please enter option followed by the pound key, or hangup to exit".
3. Dial **101#** to access the Static IP configuration menu.
4. Dial **0#** to disable DHCP, then dial **1** to save the setting.
5. Dial **111#** to access the IP Address Menu. Enter the SPA-2000's IP Address followed by # (using \* to represent "." eg. **123\*45\*67\*89#** to represent the IP address 123.45.67.89). Press 1 to save the setting.
6. Dial **121#** to access the Subnet Mask Menu. Enter the SPA-2000's Subnet Mask followed by # (using \* to represent "." eg. **255\*255\*255\*0#** to represent the mask 255.255.255.0). Dial **1** to save the setting.
7. Dial **131#** to access the Default Gateway IP Address Menu. Enter the Internet Gateway's IP Address followed by # (using \* to represent "." eg. **123\*45\*67\*1#** to represent the IP address 123.45.67.1). Dial **1** to save the setting.
8. Dial **161#** to access the DNS Server IP Address Menu. Enter the Primary DNS Server's IP Address followed by # (using \* to represent "." eg. **123\*45\*67\*1#** to represent the IP address 123.45.67.1). Dial **1** to save the setting.
9. Hang up the phone.

### You have now completed the static IP configuration.

To verify the configuration was correct, pick up the phone connected to Phone 1 and dial \*\*\*\*. You will hear a voice prompt saying "Sipura configuration menu: please enter option followed by the pound key, or hangup to exit".

Dial **110#** to hear the SPA-2000's current IP address. If this is not the same as what you entered in, please repeat steps 1 through 9 to ensure that the settings are correct.

### Step 3: Configure the SPA-2000 to connect to the Firefly Network

1. Open your configuration page. To do so, type the following into your web browser:  
<http://xxx.xxx.xxx.xxx/admin/advanced>  
( "xxx.xxx.xxx.xxx" represents the IP address of your SPA-2000)
2. Click on the **Provisioning** menu
3. In the text box marked **Profile Rule** enter one of the following addresses, based on your location. If you have configured a **local dialing prefix** for your account via the [Freshtel website](#), use one of the Local Prefix addresses; otherwise, use one of the other addresses. Each of these configuration files has been modified to provide the correct settings for your local country.

(NOTE the underscores in "sipura\_spa-2000" and "initial\_xx" – to be sure, copy and paste the appropriate line into the **Profile Rule** field instead of typing it).

#### Local Prefix

**Australia:** [http://www.freshtel.net/support/hardware/sipura\\_spa-2000/initial\\_au\\_local.cfg](http://www.freshtel.net/support/hardware/sipura_spa-2000/initial_au_local.cfg)  
**USA:** [http://www.freshtel.net/support/hardware/sipura\\_spa-2000/initial\\_us\\_local.cfg](http://www.freshtel.net/support/hardware/sipura_spa-2000/initial_us_local.cfg)  
**UK:** [http://www.freshtel.net/support/hardware/sipura\\_spa-2000/initial\\_uk\\_local.cfg](http://www.freshtel.net/support/hardware/sipura_spa-2000/initial_uk_local.cfg)

#### No Local Prefix

**Australia:** [http://www.freshtel.net/support/hardware/sipura\\_spa-2000/initial\\_au.cfg](http://www.freshtel.net/support/hardware/sipura_spa-2000/initial_au.cfg)  
**USA:** [http://www.freshtel.net/support/hardware/sipura\\_spa-2000/initial\\_us.cfg](http://www.freshtel.net/support/hardware/sipura_spa-2000/initial_us.cfg)  
**UK:** [http://www.freshtel.net/support/hardware/sipura\\_spa-2000/initial\\_uk.cfg](http://www.freshtel.net/support/hardware/sipura_spa-2000/initial_uk.cfg)

**All Other:** [http://www.freshtel.net/support/hardware/sipura\\_spa-2000/initial.cfg](http://www.freshtel.net/support/hardware/sipura_spa-2000/initial.cfg)

4. Click on the **Submit All Changes** button and close your web browser.

### Step 4: Updating to the latest firmware and configuring your Firefly number and password

1. Once the ATA has applied the changes, browse to the following address to instruct the ATA to upgrade its firmware. Eg, for an IP address of xxx.xxx.xxx.xxx:

[http://xxx.xxx.xxx.xxx/admin/upgrade?http://www.freshtel.net/support/hardware/sipura\\_spa-2000/firmware.bin](http://xxx.xxx.xxx.xxx/admin/upgrade?http://www.freshtel.net/support/hardware/sipura_spa-2000/firmware.bin)

(NOTE the underscore in "sipura\_spa-2000" – to be sure, copy and paste the above line into your browser)

2. You can now enter your Firefly details into the Line 1 (and optionally Line 2) configuration areas. Enter your Display Name, User ID (this is your Firefly number) and Password.
3. Click on the **Submit All Changes** button.

Your Sipura SPA-2000 is now fully configured and ready to use on the Firefly Network! Simply pick up the handset and dial.

### **Dialling:**

To dial a Firefly number or voicemail, prefix the number with a star, e.g. **\*80001234**, **\*123**.

If you have configured a local dialling prefix for your account via the [Freshtel website](#), you can dial local, national, mobile, and international PSTN numbers exactly as you would from a land line phone in your area; e.g. **08007654321** (US), **9557745** (US – local), **0061399156415** (UK – international), **99156415** (Australia – local).

If you have not configured a local dialling prefix, numbers are dialled in full (including country code but without any international dial prefix), e.g. **61399156415**, **18007654321**. Land lines and mobiles in Australia can be dialled with an initial **0**, e.g. **0399156415**.